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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	Attorney Docket No. TUC920030111US1 Total Pages				
First Nan	2				
Kenneth W. Boyd	· · · · · · · · · · · · · · · · · · ·		S. P.	, 	
Express Mail Label No.	ER54025701	ER540257017US			

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	Commissioner for Patents ADDRESS TO: Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
1. X Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. X Specification (Total Pages)	
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Assigne Name: INTERNATIONAL BUSINESS MACHINES Co Assignee Residence: Armonk, New York	ORPORATION

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		C mpl te If Known				
EEE TOANSM	ITTAI	Application Number	Not yet assigned			
FEE TRANSMITTAL		Filing Dat	February 5, 2004			
		First Nam d Invent r	Kenneth W. Boyd			
Note: Effective October 1, 2001. Patent fees are subject to annual revision.		Group Art Unit				
		Examiner Name	T			
TOTAL AMOUNT OF PAYMENT	\$ 1000	Attorney Docket Number	TUC920030111US1			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)				-	
The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES					
indicated fees and credit any over payments to:	Large Entity Small Entity					
Deposit Account Number: 09-0449	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Name: IBM CORPORATION	1051	130	2051		Surcharge - late filing fee or oath	
Charge Any Additional Charge the Issue Fee	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Fee Required Under In 37 CFR at the Mailing of the Notice of Allowance	1053	130	1053	130	Non-English specification	
	1812	2520	1812	2520	For filing a request for reexamination	
2. Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Check ☐ Money Order ☐ Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. FILING FEE	1252	420	2252	210	Extension for reply within second month	
	1253	950	2253	475	Extension for reply within third month	
Large Entity Small Entity	1254	1480	2254	740	Extension for reply within fourth month	
Fee Fee Fee Fee Description Fee Pald	1255	2010	2255	1005	Extension for reply within fifth month	
Code (\$) Code (\$)	1401	330	2401	165	Notice of Appeal	
1001 770 2001 385 Utility filing fee 770	1402	330	2402	165	Filing a brief in support of an appeal	
1002 340 2002 170 Design filing fee	1403	290	2403	145	Request for oral hearing	
1003 530 2003 265 Plant filing fee	1451	1510	1451	1510	Petition to institute a public use proceeding	
1004 770 2004 385 Reissue filing fee	1452	110	2452	55	Petition to revive - intentional	
1005 160 2005 80 Provisional filing fee	1453	1330	2453	665	Petition to revive - unintentional	
SUBTOTAL (1) \$ 770	1501	1330	2501	665	Utility issue fee	
2. CLAIMS Fee from	1502	480	2502	240	Design issue fee	
Extra below Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims 21 -20 = 1 x 18 = 18	1460	130	1460	130	Petitions to the Commissioner	
Ind. Claims 5 -3 = 2 x 86 = 172	1807	50	1807	50	Petitions related to provisional applications	
Multiple Dep. Claims 0 x 290 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1203 290 2203 145 Multiple dependent claim	Other fee	e (specify)				
SUBTOTAL (2) \$ 190	*Reduce	d by Basic	Filing Fee	•	SUBTOTAL (3)	40
	•					

SUBMITTED BY			Complete (if applicable)		
Typed or Printed Name David J. McKenzie			Reg. Number	46,919	
Signature	David mineri	Date	Feb 5, 2004	Deposit Account User ID	

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PATENT APPLICATION

Docket No.: TUC920030111US1

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit: February 5, 2004

I hereby certify that this patent application in the name of Kenneth Wayne Boyd, Kenneth

Fairclough Day III, Philip Matthew Doatmas, and John Jay Wolfgang for SHARED DATA

MIRRORING APPARATUS, METHOD, AND SYSTEM, together with the drawings, a

Declaration, Power of Attorney, and Petition, an Assignment and Recordation Form Cover Sheet,

Information Disclosure Statement, PTO Form 1449, and Copies of Cited References are being

deposited with the United States Postal Service "Express Mail Post Office to Addressee" service

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Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

David J. McKenzie

Reg. No. 46,919

Attorney for Applicant

Date: February 5, 2004

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